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PTO/SB/8A (08-00)

Approved for use through 10/31/2002. OMB 0651-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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Substitute for form 1449A/PTO

Complete if Known

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Request

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of

6

		Complete if Known	
		Application Number	09/779,376
		Filing Date	February 07, 2001
		First Named Inventor	JIAN-BING FAN
		Group Art Unit	1645 1634
		Examiner Name	NOT YET ASSIGNED
		Attorney Docket Number	A-68929-4/DJB/RMS/DCF

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code ³ (if known)			
W	1	4,200,110		Peterson et al.	4/1980	_____
	2	4,499,052		Fulwyler	2/1985	_____
	3	4,682,895		Costello	7/1987	_____
	4	4,785,814		Kane	11/1988	_____
	5	4,822,746		Walt	4/1989	_____
	6	4,824,789		Yafuso et al.	4/1989	_____
	7	4,999,306		Yafuso et al.	3/1991	_____
	8	5,002,867		Macevicz	3/1991	_____
	9	5,028,545		Soini	7/1991	_____
	10	5,105,305		Betzig et al.	4/1992	_____
	11	5,114,864		Walt	5/1992	_____
	12	5,132,242		Cheung	7/1992	_____
	13	5,143,853		Walt	9/1992	_____
	14	5,194,300		Cheung	3/1993	_____
	15	5,244,636		Walt et al.	9/1993	_____

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁴
		Office ³	Number ⁴				
W	16	EP	0 269 764	_____	6/1988	_____	
	17	EP	0 392 546	_____	10/1990	_____	
	18	EP	0 478 319	_____	4/1992	_____	
	19	EP	0 723 146	_____	7/1996	_____	
	20	WO	89/11101	_____	11/1989	_____	
	21	WO	93/02360	_____	2/1993	_____	
	22	WO	96/03212	_____	2/1996	_____	
	23	WO	97/14028	_____	4/1997	_____	
	24	WO	97/14928	_____	4/1997	_____	
	25	WO	97/40385	_____	10/1997	_____	
	26	WO	98/40726	_____	9/1998	_____	

Examiner Signature	<i>Artem</i>	Date Considered	<i>5/2/2002</i>
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¹Unique citation designation number. ² See attached Kinds of U.S. Patent Documents. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English Language Translation is attached.

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STATEMENT BY APPLICANT

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Sheet

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Complete if Known

Application Number	09/779,376
Filing Date	February 07, 2001
First Named Inventor	JIAN-BING FAN
Group Art Unit	1647 1034
Examiner Name	NOT YET ASSIGNED
Attorney Docket Number	A-68929-4/DJB/RMS/DCF

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		Number	Kind Code ³ (if known)			
W	27	5,244,813		Walt et al.	9/1993	_____
	28	5,250,264		Walt et al.	10/1993	_____
	29	5,252,494		Walt	10/1993	_____
	30	5,254,477		Walt	10/1993	_____
	31	5,298,741		Walt et al.	3/1994	_____
	32	5,302,509		Cheeseman	4/1994	_____
	33	5,320,814		Walt et al.	6/1994	_____
	34	5,357,590		Auracher	10/1994	_____
	35	5,380,489		Sutton et al.	1/1995	_____
	36	5,435,724		Goodman et al.	7/1995	_____
	37	5,474,895		Ishii et al.	12/1995	_____
	38	5,481,629		Tabuchi	1/1996	_____
	39	5,494,798		Gerd et al.	2/1996	_____
	40	5,496,997		Pope	3/1996	_____
	41	5,512,490		Walt et al.	4/1996	_____
	42	5,516,635		Edkins et al.	5/1996	_____
	43	5,565,324		Still et al.	10/1996	_____

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Office ²	Number ⁴				
W	44	WO	98/50782	_____	11/1998	_____	
	45	WO	98/53093	_____	11/1998	_____	
	46	WO	98/53300	_____	11/1998	_____	
	47	WO	99/18434	_____	4/1999	_____	
	48	WO	99/60170	_____	11/1999	_____	
	49	WO	99/67414	_____	12/1999	_____	
	50	WO	99/67641	_____	12/1999	_____	
	51	WO	00/04372	_____	1/2000	_____	
	52	WO	00/13004	_____	3/2000	_____	

Examiner Signature	<i>Walt</i>	Date Considered	<i>5/2/2002</i>
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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet 3 of 6

Complete if Known

Application Number	09/779,376
Filing Date	February 07, 2001
First Named Inventor	JIAN-BING FAN
Group Art Unit	168 7634
Examiner Name	NOT YET ASSIGNED
Attorney Docket Number	A-68929-4/DJB/RMS/DCF

U.S. PATENT DOCUMENTS

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		Number	Kind Code ³ (if known)			
W	53	5,573,909		Singer et al.	11/1996	_____
	54	5,575,849		Honda et al.	11/1996	_____
	55	5,633,972		Walt et al.	5/1997	_____
	56	5,639,603		Dower et al.	6/1997	_____
	57	5,656,241		Seifert et al.	8/1997	_____
	58	5,690,894		Pinkel et al.	11/1997	_____
	59	5,814,524		Walt	10/1998	_____
	60	5,840,256		Demers et al.	11/1998	_____
	61	5,854,684		Stabile et al.	12/1998	_____
	62	5,863,708		Zanzucchi et al.	1/1999	_____
	63	5,888,723		Sutton et al.	3/1999	_____
	64	5,900,481		Longh et al.	5/1999	_____
	65	6,023,540		Walt et al.	2/2000	_____
	66	5,679,524		Nikiforov et al.	10/1997	_____
	67	5,856,083		Chelsky et al.	01/1999	_____
W	68	5,858,732		Solomon et al.	01/1999	_____

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁴
		Office ²	Number ⁴				
W	69	WO	00/16101	_____	3/2000	_____	
	70	WO	00/39587	_____	7/2000	_____	
	71	WO	00/47996	_____	8/2000	_____	
	72	WO	00/48000	_____	9/2000	_____	
	73	WO	00/63437	_____	10/2000	_____	
	74	WO	00/71243	_____	11/2000	_____	
	75	WO	00/71995	_____	11/2000	_____	
	76	WO	00/75373	_____	12/2000	_____	

Examiner Signature

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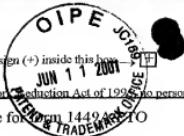
Date Considered

5/1/02

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet 4 of 6

Complete if Known

Application Number	09/779,376
Filing Date	February 07, 2001
First Named Inventor	JIAN-BING FAN
Group Art Unit	1645 1634
Examiner Name	NOT YET ASSIGNED
Attala, D. A. N. 1	A-6020 4/20/2006 12:00:00 AM

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Paragraphs or Relevant Figures Appear
		Number	Kind Code ² (if known)			
MM	77	6,013,456		Akgavan-Tafti	01/2000	_____
	78	6,051,380		Sosnowski et al.	04/2000	_____
	79	6,110,678		Weisburg et al.	08/2000	_____
	80	6,172,218	B1	Brenner	01/2001	_____
	81	6,083,763		Balch	07/2000	_____
	82	5,854,033		Lizardi	12/1998	_____
	83	5,554,516		Kacian et al.	09/1996	_____
	84	5,541,311		Dahlberg et al.	07/1996	_____
DV	85	5,660,988		Duck et al.	08/1997	_____
						X
						X
						X
						X

FOREIGN PATENT DOCUMENTS

Examiner Signature	7/1/04	Date Considered	5/2/2007
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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet 5 of 6

Complete if Known

Application Number	09/779,376
Filing Date	February 07, 2001
First Named Inventor	JIAN-BING FAN
Group Art Unit	1634
Examiner Name	NOT YET ASSIGNED
Attorney Docket Number	A-68929-4/DJB/RMS/DCF

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city or country where published.	T ²
W	87	Abel et al., "Fiber-Optic Evanescent Wave Biosensor for the Detection of Oligonucleotides," <i>Anal. Chem.</i> 68:2905-2912 (1996).	
	88	Anonymous, "Microsphere Selection Guide," Bangs Laboratories, (Fisher, In) September 1998.	
	89	Anonymous, "Fluorescent Microspheres," Tech. Note 19, Bang Laboratories, (Fishers, In) February 1997.	
	90	Bangs, L.B., "Immunological Applications of Microspheres," The Latex Course, Bangs Laboratories (Carmel, IN) April 1996.	
	91	Barnard et al., "A Fibre-Optic Chemical Sensor with Discrete Sensing Sites," <i>Nature</i> , 353:338-340 (September 1991).	
	92	Chen et al., "A Microsphere-Based Assay for Multiplexed Single Nucleotide Polymorphism Analysis Using Single Base Chain Extension," <i>Genome Research</i> , 10(4):549-557 (2000).	
	93	Czarnik, "Illuminating the SNP Genomic Code," <i>Modern Drug Discovery</i> , 1(2): 49-55 (1998).	
	94	Drmanac, R. et al., "Sequencing by Oligonucleotide Hybridization: A Promising Framework in Decoding of the Genome Program," The First International Conference on Electrophoresis, Supercomputing and the Human Genome, Proceedings of th April 10-13, 1990 Conference at Florida State University, Ed. C. Cantor and H. Lim.	
	95	Drmanac, R. et al., "Prospects for a Miniaturized, Simplified and Frugal Human Genome Project," <i>Scientia Yugoslavica</i> , 16(1-2):97-107 (1990).	
	96	Drmanac, R. et al., "Sequencing by Hybridization (SBH) with Oligonucleotide Probes as an Integral Approach for the Analysis of Complex Genomes," <i>International Journal of Genome Research</i> , 1(1):59-79 (1992).	
	97	Drmanac, R. et al., "Sequencing by Hybridization," <i>Automated DNA Sequencing and Analysis</i> , ed. M. Adams, C. Fields and J. Venter. (1994).	
	98	Ferguson et al., "A Fiber-Optic DNA Biosensor Microarray for the Analysis of Gene Expression," <i>Nature Biotechnology</i> , 14:1681-1684 (1996).	
	99	Fuh et al., "Single Fibre Optic Fluorescence pH Probe," <i>Analyst</i> , 112:1159-1163 (1987).	
	101	Healey et al., "Improved Fiber-Optic Chemical Sensor for Penicillin," <i>Anal. Chem.</i> 67(24):4471-4476 (1995).	
	102	Healey et al., "Development of a Penicillin Biosensor Using a Single Optical Imaging Fiber," <i>SPIE Proc.</i> 2388:568-573 (1995).	
	103	Healey et al., "Fiberoptic DNA Sensor Array Capable of Detecting Point Mutations," <i>Analytical Biochemistry</i> , 251:270-279 (1997).	
	104	Hirschfeld et al., "Laser-Fiber-Optic "Optrode" for Real Time In Vivo Blood Carbon Dioxide Level Monitoring," <i>Journal of Lightwave Technology</i> , LT-5(7):1027-1033 (1987).	
	105	Iannone et al., "Multiplexed Single Nucleotide Polymorphism Genotyping by Oligonucleotide Ligation and Flow Cytometry," <i>Cytometry</i> , 39:131-140 (2000).	

Examiner Signature

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Date Considered

5/2/2002

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Substitute for 		<i>Complete if Known</i>	
		Application Number	09/779,376
		Filing Date	February 07, 2001
		First Named Inventor	JIAN-BING FAN
		Group Art Unit	1645
		Examiner Name	NOT YET ASSIGNED
Sheet	6	of	6
		Attorney Docket Number A-689294-01/DIB/RMS/DCF	
(use as many sheets as necessary)			

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

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OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS

Examiner Signature	Table 41	Date Considered	5/2/2022
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